

Message Text

CONFIDENTIAL

PAGE 01 PARIS 22846 201445Z
ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 DODE-00 NSAE-00 ICA-11
TRSE-00 SOE-02 DOE-15 CIAE-00 COME-00 ACDA-12
/061 W

-----117434 210721Z /64

R 201437Z JUL 78
FM AMEMBASSY PARIS
TO SECSTATE WASHDC 5048

C O N F I D E N T I A L PARIS 22846

USOECD

EXCON

E.O. 11652: XGDS-1
TAGS: ESTC, COCOM
SUBJECT: GERMAN FREQUENCY SYNTHESIZER TO HUNGARY

REF: (A) COCOM DOC. (77) 763, (B) STATE 272607

1. IN DOCUMENT COCOM DOC. (77) 763.2 GERMAN DEL
REFERS TO THE APPROVAL CONDITIONS SPECIFIED BY U.S.
FOR THIS CASE (REF B) AND STATES THAT THE GERMAN
AUTHORITIES CONSIDER THAT THESE CONDITIONS HAVE BEEN
FULFILLED FOR FOLLOWING REASONS:

2. A. MANUAL FREQUENCY ADJUSTMENT:

- 1) BY MEANS OF THE CONTROL KNOB ON THE FRONT
PANEL OF THE EQUIPMENT THE INPUT OF
PULSES IS CONTROLLED. DEPENDING ON THE
DIRECTION IN WHICH THE KNOB IS TURNED,
EACH PULSE CORRESPONDS TO AN INCREASE
OR TO A DECREASE OF THE FREQUENCY BY THE
SELECTED STEP, I.E. BY 1 HZ, 10 HZ, 100

CONFIDENTIAL

CONFIDENTIAL

PAGE 02 PARIS 22846 201445Z

HZ, ETC.

- 2) BY EXTERNAL PULSES WHICH INFLUENCE THE
COUNTER IN THE EQUIPMENT. THE PULSE
SEQUENCES ARE GENERATED BY AN EXTERNAL
GENERATOR (INSTEAD OF THE CONTROL KNOB).

HOWEVER, IN BOTH CASES THE PULSE SEQUENCE MUST BE STOPPED BY OPERATING PERSONNEL, AS SOON AS THE DESIRED FREQUENCY IS INDICATED.

B. SWITCHING SPEED OF THE FREQUENCY:

IN BOTH THE ABOVE MENTIONED CASES A AND B DEPENDING ON THE SELECTED STEP, FOR EACH FREQUENCY STEP (I.E. 1 HZ, 10 HZ, 100 HZ, ETC/) AT LEAST 100 MICROSECONDS OR A MULTIPLE OF IT IS REQUIRED AS SWITCHING SPEED. IF THE INITIAL FREQUENCY IS APART FROM THE FINAL FREQUENCY BY APPROXIMATELY HALF THE EQUIPMENT'S FREQUENCY RANGE, I.E. ABOUT 30 MHZ, THEN WITH AN INCREMENT OF 1 HZ, THE SWITCHING TIME INCREASES TO 100×10 (TO THE MINUS SIXTH POWER) SECONDS BY 30×10 (TO THE SIXTH POWER) 3000 SECONDS.

C. THUS IT FOLLOWS, THAT

1) THE EQUIPMENT IS NOT "ELECTRICALLY PROGRAMMABLE" (SEE IL 1531 (B)(3) BECAUSE WITH EXTERNAL FREQUENCY ADJUSTMENT THE ELECTRICAL SIGNALS INJECTED INTO THE EQUIPMENT ARE NOT DIGITALLY CODED, BUT
CONFIDENTIAL

CONFIDENTIAL

PAGE 03 PARIS 22846 201445Z

CONSIST OF A FULLY ANONYMOUS REGULAR PULSE SEQUENCE;

2) THE SWITCHING SPEED FROM ONE SELECTED OUTPUT FREQUENCY TO ANOTHER SELECTED OUTPUT FREQUENCY CAN LARGELY EXCEED 10 MILLISECONDS. THE 100 MICROSECONDS INDICATED IN THE DATA SHEET ARE VALID ONLY FOR THE PROGRESSION BY ONE SINGLE SMALLEST FREQUENCY STEP.

3. ACTION REQUESTED: GERMAN DEL REQUESTS CONFIRMATION THAT THE U.S. AUTHORITIES BELIEVE THAT THE CONDITION HAS BEEN FULFILLED.
SALZMAN

CONFIDENTIAL

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: STRATEGIC TRADE CONTROLS, EXPORT LICENSES, TRANSACTION CHECKS
Control Number: n/a
Copy: SINGLE
Draft Date: 20 jul 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978PARIS22846
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X1
Errors: N/A
Expiration:
Film Number: D780299-1028
Format: TEL
From: PARIS USOECD
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780738/aaaabfuc.tel
Line Count: 109
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 1763a66f-c288-dd11-92da-001cc4696bcc
Office: ACTION EB
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: 78 STATE 272607
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 18 may 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1939541
Secure: OPEN
Status: NATIVE
Subject: GERMAN FREQUENCY SYNTHESIZER TO HUNGARY
TAGS: ESTC, GE, HU, COCOM
To: STATE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/1763a66f-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014